**Level 4 Homework**

**Due 24th July 2014**

**Spelling**

Crescent, lunar, eclipse, phases, magnetism, astronomy, constellation, meteor, observatory, solstice

*Telephone Words*

Translate the spelling words into numbers using the telephone keypad and add up the value of each letter. Number your paper and write the word and its value.

Example: block= b (2) + l (5) + o (6) + c (2) + k (5) = 20

**Reading**

**You must read for 15 – 20 minutes each night**. We expect 10 reading entries for this homework period. Please get each reading entry signed in the back of your homework book.

**IS**

Create a ‘who am I?’ quiz for 3 of the planets. Include 3 clues for each planet. For example, the clues for the Earth could be ‘I have one moon. 70% of my surface is covered with water. My atmosphere is made of oxygen, nitrogen, carbon dioxide. Who am I?’

**Writing**

*An informative text is a text that wants to****advise****or****tell****you about something.  
  
A****newspaper article****might give information about a health issue like giving up smoking.  
A****website****might give information about a movie, band or something that you are interested in.  
A****handout****from school might be advising you about what you will be doing during the next term.****Informative texts usually:***

* *avoid repetition*
* *contain facts*
* *give information in a clear way*

Write down 3 places that you may have read an informative text on the holidays. Then write an informative text about an activity that you completed on the holidays. Aim for a minimum of half a page of writing.

**Maths**

**Problem Solving**

Answer the following questions. Please show all working out.

How many times have you travelled around the Sun?

How many times have you rotated with the Earth?

**Location and Transformation**

Your teacher has allowed you to move your own desk and 2 of your friend’s desks around the classroom so that you can sit together. Your desks all need to be moved from where they currently are to approximately 2 meters in front of the white board where you all need to be facing the board. Explain how you would move the 3 desks so that you and your friends are next to each other, i.e. I would move Jim’s table 3 meters forward. I would then rotate the table 90 degrees clockwise. Lastly I would move the table 1 meter forward.